Attorney Docket No: 101488.0001US1

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Withdrawn)

2. (Currently amended) The method of claim 7, further comprising: ~~In a digital video recorder having at least one disk drive for storing video data, a recording method comprising the steps of:~~

~~calculating the starting disk address for each video frame and placing said addresses in an index table;~~

~~initializing the index table for use upon startup;~~

~~forming a sequential set of disk addresses corresponding to a starting address and the address of each disk block corresponding to subsequent frames in a recorded video clip;~~

appending multiples ones of the ~~frame~~ addresses to the index ~~table~~ sequentially during recording;

~~indicating the free space available in the index table for recorded video frame addresses;~~

~~closing index table space upon termination of recording; and~~

~~writing a record of the index table to the disk drive~~.

3. (Currently amended) The method of claim 7, further comprising: ~~In a digital video recorder having at least one disk drive for storing video data, a loop recording method comprising:~~

~~a) maintaining an index table for storing disk addresses for recorded video;~~

~~b) allocating free space on said disk and in said index table to additional video recording;~~

~~c) keeping track of available disk free space and available index table free space to determine when either such free space is becoming exhausted by new recorded video;~~

~~d) overwriting video data after said free space is exhausted while deallocating such overwritten data; and~~

~~e)~~ providing a loop remnant directory to determine a changing boundary between newly ones of the frames, ~~recorded video and previously recorded video.~~

4. (Currently amended) The method of claim 7, further comprising: ~~The loop recording method recited in claim 3 wherein the digital video recorder comprises a recording circuit board and said steps a) through e) are carried out using said recording circuit board and wherein said digital video recorder also comprises a playback circuit board in communication with said recording circuit board for carrying out the additional steps of:~~

~~f) creating an index table for newly recorded material~~

~~g) generating data structures for video playback; and~~

~~h)~~ deallocating at least some of the addresses from the index. ~~video frames from said data structures and indices from said index table as said loop recording overwrites video frames.~~

5. (Withdrawn)

6. (Withdrawn)

7. (New) A method of recording a data, comprising:

providing a memory;

using an index to store different addresses of the memory for each of a plurality of sequential frames of the data; and

retrieving at a least a portion of the data by accessing the memory addresses from the index.

8. (New) The method of recording of claim 7, wherein the index identifies individual ones of the plurality of frames using at least one of frame number, time, and date.

9. (New) The method of recording of claim 7, wherein the different addresses are start addresses.

10. (New) The method of recording of claim 7, further comprising storing individual ones of the plurality of sequential frames in a digital format.

11. (New) The method of recording of claim 7, wherein the index comprises a table.

12. (New) The method of recording of claim 7, further comprising using the index to identify addresses that can be overwritten.

13. (New) The method of recording of claim 7, further comprising overwriting a portion of the memory used to store an earlier one of the plurality of sequential frames with a later one of the plurality of sequential frames, and recording corresponding information in the index.

14. (New) The method of recording of claim 7, further comprising looping the data on the memory by overwriting a portion of the memory used to store an earlier one of the plurality of sequential frames.